

### **Draft charge to the spatial data and analysis committee**

The ad-hoc Remote Sensing Committee formed by the Executive Board recommended that LTER constitute a "Spatial Data and Analysis Committee" to motivate continued coordination between LNO and the sites, and to maintain a collective expertise in the emerging technologies and data opportunities beneficial to the LTER Network. This new committee would have the tasks of guiding the implementation of recommendations made by the ad-hoc Remote Sensing Committee as well as reviewing Network needs and updating goals for spatial data acquisition. Specifically, the committee should produce a list of prioritized data needs and a plan for data acquisition as recommendations to the EB.

#### Recommendations:

1. Develop a data base of sources for historic and current aerial imagery for all sites.
2. LTER sites should identify RS holdings and make products available via the web when possible.
3. Facilitate communications on spatial data and analysis at a number of levels between LTER sites, key investigators and agencies.
4. Develop cooperative agreements to acquire LIDAR data for all sites and arrange for hyperspectral imagery (such as AVIRIS) for all sites on repeated intervals and for special disturbance events.
5. Develop a clearinghouse for information related to new and emerging technologies as well as new spatial data and those available from historic archives.
6. Review and obtain cloud-free Landsat images for all LTER sites.
7. Establish policies for the integrated management of LTER spatial data in coordination with the GIS working group of the LTER Information Management Committee.